



*AT&L / Logistics & Material Readiness  
Office of Deputy Assistant Secretary (Supply Chain  
Integration)*

# IUID-Enabled Serialized Item Management

## Levels of Management Intensity

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# Questions for Discussion

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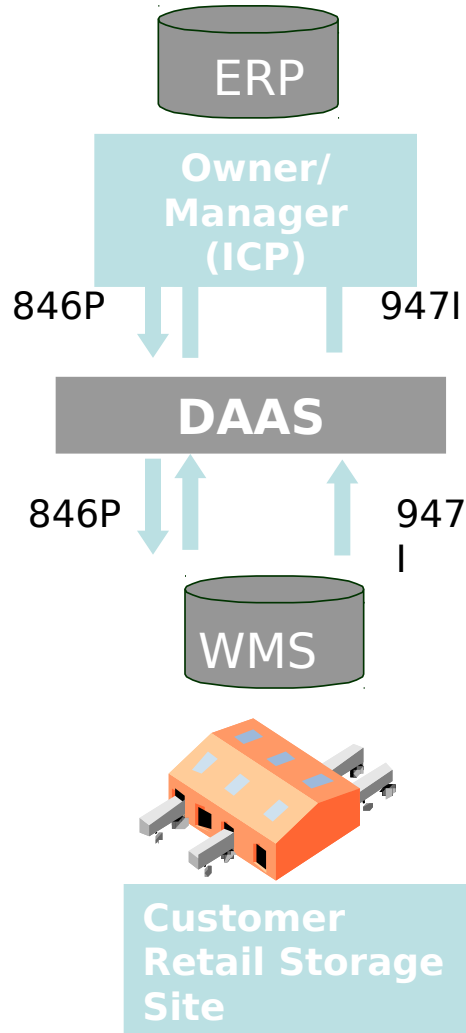
- Why is there a requirement for two levels of management?
  - Some IUID-required items need intensive tracking by UII at only one or two nodes of the supply chain (e.g. repair items in maintenance)
  - Some IUID-required items need intensive tracking by UII at ALL nodes of the supply chain (e.g. NWRM in receiving, issuing, maintenance, etc.)
- How can you implement two levels of management in a single system, i.e. owner/manager and retail supply in same system using same database?



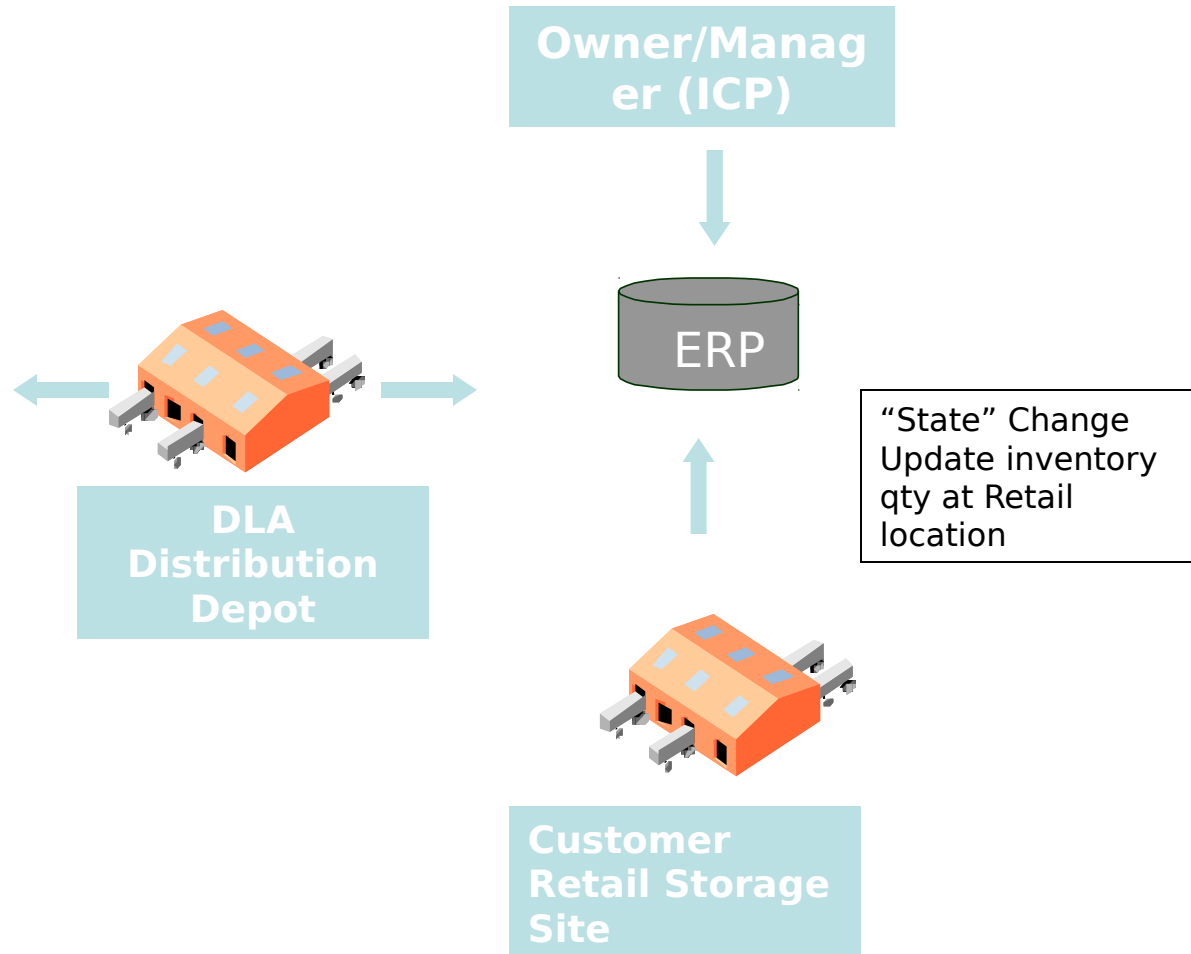
# Data Requirements May Vary....

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## ERP at ICP and Retail System Separate



## ERP for both ICP and Retail

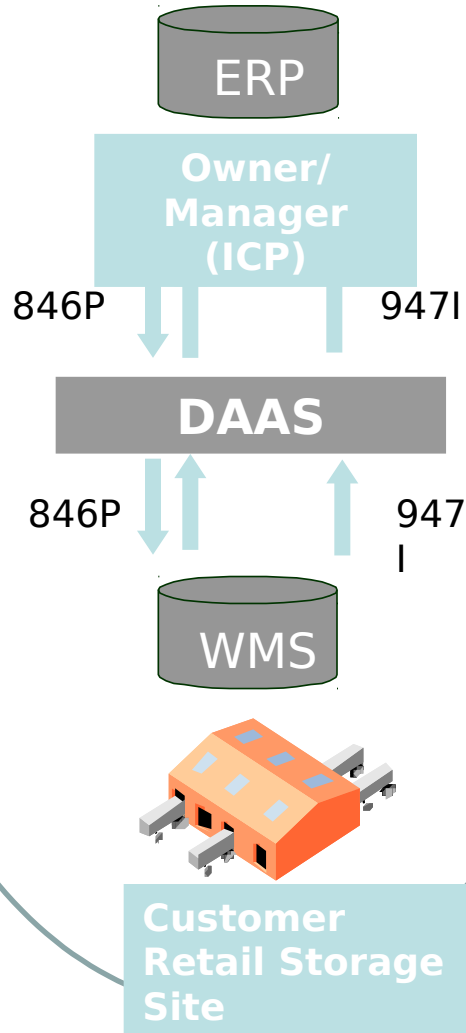




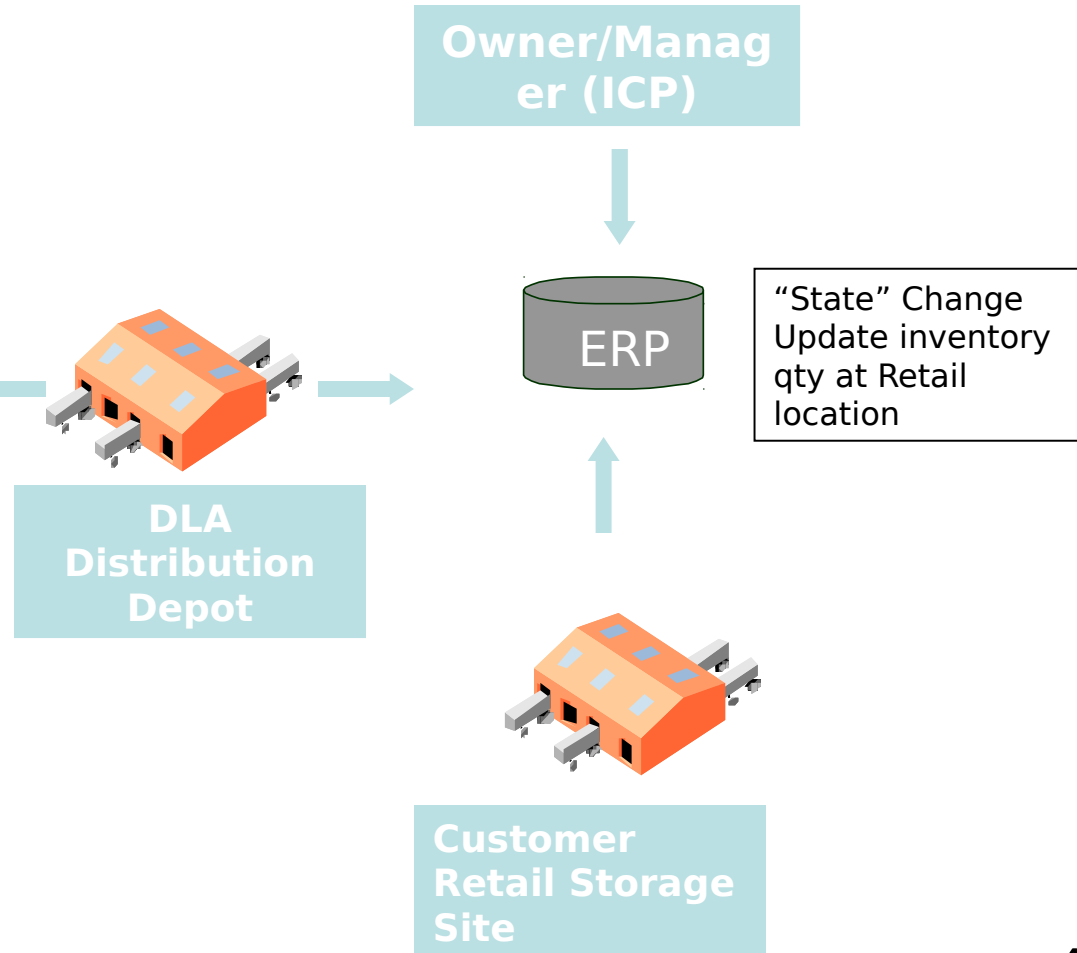
# Data Requirements May Vary....

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## ERP at ICP and Retail System Separate



## ERP for both ICP and Retail





# Standard-Intensity Serialized Management

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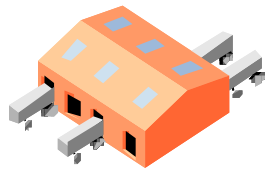
**ASSUMPTION: Owner/Manager and Retail Supply Activity in *separate* systems**



Owner/Manager

Worldwide Inventory for owned materiel by NSN X and Qty

- NSN X - Qty 2 Location: Supply Base
- NSN X - Qty 1 Location: Maintenance



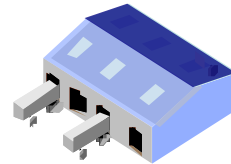
Storage Activity

Report Worldwide inventory by NSN as "Qty of 3" (527R)

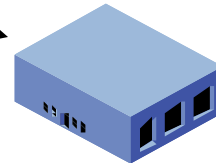
Report UIIs shipped (856S)

Report UIIs shipped (856S)

Report UIIs shipped upon Materiel Return (856R)



Supply Activity Base 1



Maintenance Activity Base 2

Supply Base: Receipt, Store, Inventory and Issue for NSN X by UII

Accountable Records By UII

Maintenance Base: Store UII at receipt, capture UII during repair action

•Inventory by Qty (By UII is Optional)  
•Receipt, Store and Issue by UII

Mismatches are researched by UII

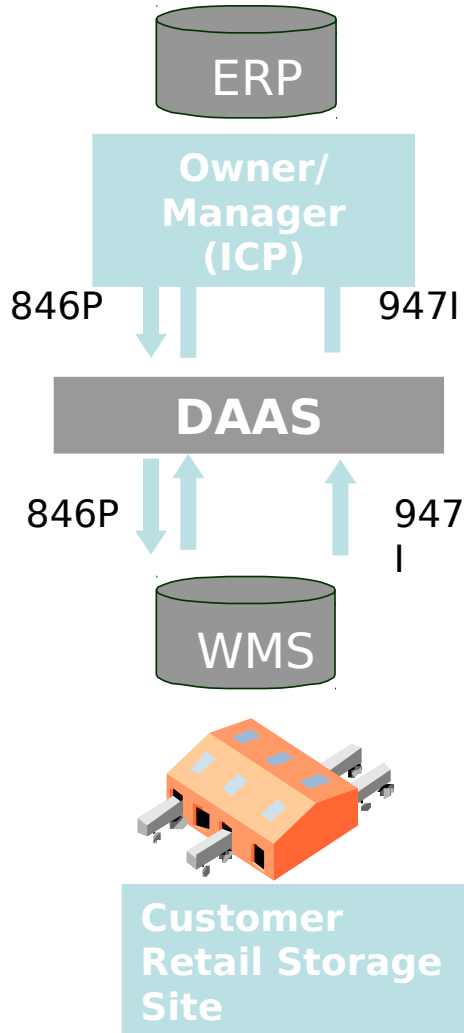
Validate correct UII received, Resolve UII mismatches, discrepancies



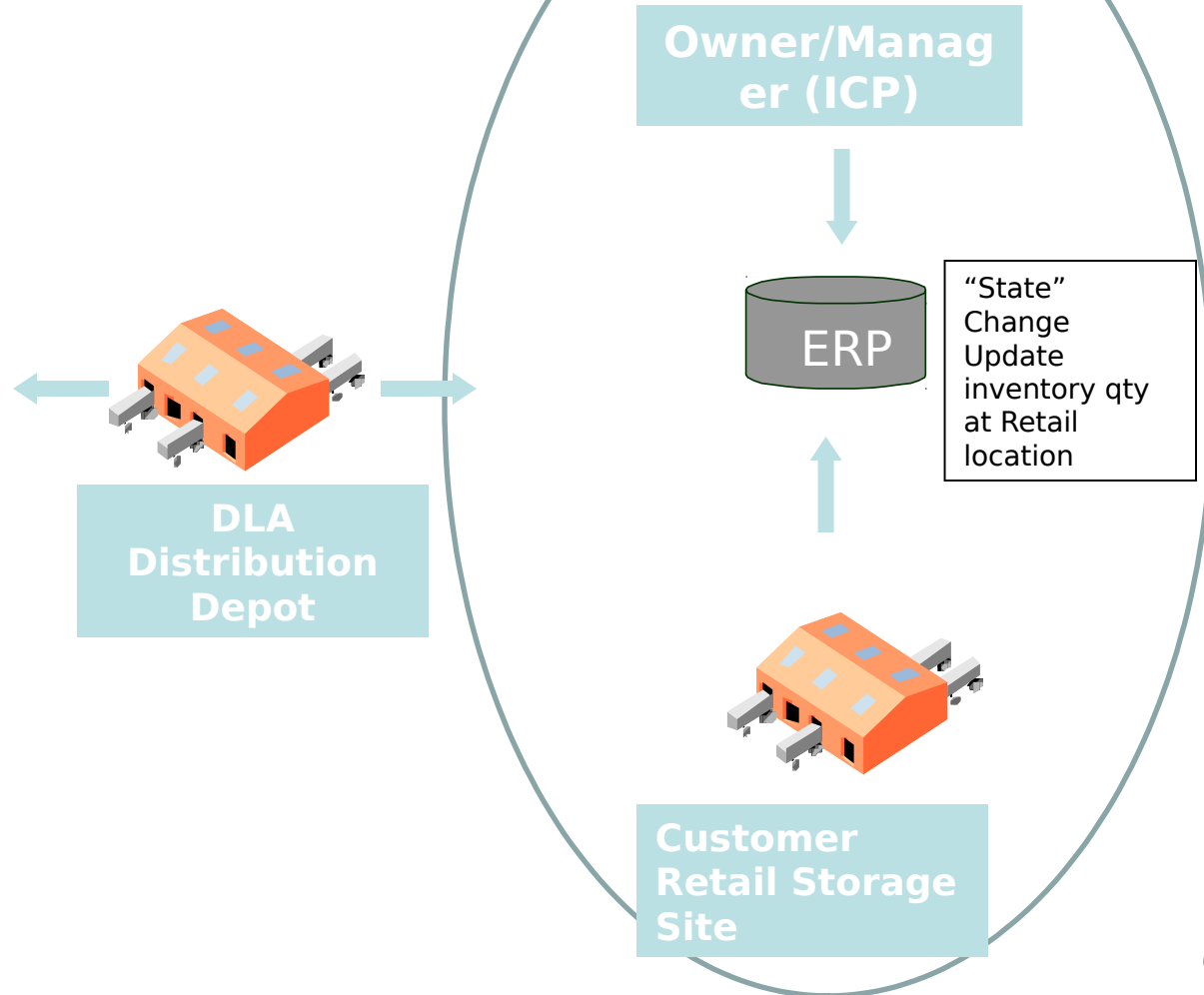
# Data Requirements May Vary....

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## ERP at ICP and Retail System Separate



## ERP for both ICP and Retail





# High-Intensity Serialized Management

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Owner/Manager Records  
By UII



Owner/Manager

**ASSUMPTION: Owner/Manager and Retail Supply Activity in same or separate systems**

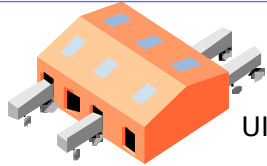
Worldwide inventory for owned materiel by NSN X and UII:

- UII #1 Location: Supply Base
- UII #2 & #3 Location: Maintenance Base

Daily reconciliation by UII on balance affecting transactions; resolve UII mismatches/discrepancies

Receive NSN X with Qty 3

- UII - #1
- UII - #2
- UII - #3



UID Materiel

Storage Activity

Report Worldwide Inventory by UII

Report UII shipped

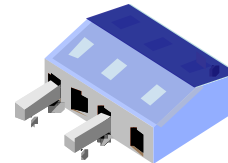
Supply Activity Base 1



Report 2 UIIs shipped

Report UIIs shipped upon Materiel Return (856R)

Maintenance Activity Base 2



Supply Base: Receipt, Store, Inventory and Issue for NSN X by UII:

- UII-#1

Accountable Records  
By UII

Maintenance Base: Receipt, Store, Inventory and Issue for NSN X by UII:

- UII #2
- UII #3

Receipt, Store, **Inventory** and Issue by UII  
Mismatches are researched by UII

Validate correct UII received; Resolve UII mismatches, discrepancies

**OWNER/MANAGER AND RETAIL SUPPLY MANAGE AN ITEM BY UII**



# Discussion

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- What if we move to one level (all HIGH)?
  - Easier to implement (all or nothing)
  - Can be implemented by single system or multiple systems
- Will having one level drive to a smaller population?
  - Transaction volumes
- What is the impact to DLA if all items are managed IAW with HIGH business rules?
  - Is there a workload difference or, since DLA is capturing ULLs for acceptance and to update DSS, will there be a minimal impact?
  - Does DLA plan to segregate service ownership within their storage facilities (UIT items may guide us on this?)





# More Questions for Discussion

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- How will the IUID registry be updated?
  - Suppliers/WAWF will update the registries for new items
  - Other transactions that reflect custody transfer during the item lifecycle can be captured at DLA Transaction Services and sent to IUID registry
    - For example, issue transaction where SOS is DLA and destination is Army)
    - Need to define all “custody transfer” type transactions
  - Discrepancies in the UII will have to be routed to the IUID registry via DLA Transactions Services
  - Disposals by UII will have to be routed to the IUID registry via DLA Transaction Services



# Back Up Charts

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# Specific Questions for Discussion

Mr. Thurston's 7 Apr 11 Email to Ms. Smith

*Armed Logistics & Material Readiness  
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1. Why is there a requirement for two levels of management?
2. What is the impact to DLA if all items are managed IAW with HIGH business rules?
3. If we did have 2 levels, how would the registry be updated if Army procured 10 engines that DLA stored, but sent 2 of the engines to Navy under standard intensity business rules?
4. Do you plan on communicating receipt information of Ull on standard intensity back to the owning ICP?
5. Does DLA plan to segregate service ownership within their storage facilities?
6. Current definition shows even sensitive items as standard? It seems that we are placing more into the standard category and are really trying to reduce the number of high intensity. I am not sure that is going to meet the overall requirement as I understand it.



# Levels of Supply Management Intensity

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- Standard-intensity serialized management by UII
  - Items that have a lifecycle traceability requirement, but do not require management by eaches on a daily basis
  - Managed by UII in accountable records (storage activity)
  - For example, DoD serially managed items that are sensitive or pilferable or DoD serially managed critical safety items or depot level reparable
- High-intensity serialized management by UII
  - Items with a lifecycle traceability requirement, that are “micro-managed” today
  - Managed by UII in accountable records (storage activity) and owner records (ICP)
  - For example, Nuclear Weapons-Related Materiel (NWRM)

**FLIS code under development will enable standard and high intensity**